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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Application of:

Timothy J. Boyle, et al.

Serial No.: 10/035,457

Filed: October 22, 2001

For: TESTING CIRCUITS ON SUBSTRATES

Examiner: Nguyen, Jimmy

Art Unit: 2829

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Dear Sir:

In response to the Office Action dated May 8, 2003, please enter this Amendment and consider the following remarks.

**FIRST CLASS CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

on August 7, 2003

Date of Deposit

Michelle Begay

Name of Person Mailing Correspondence

Michelle Begay  
Signature

August 7, 2003

Date